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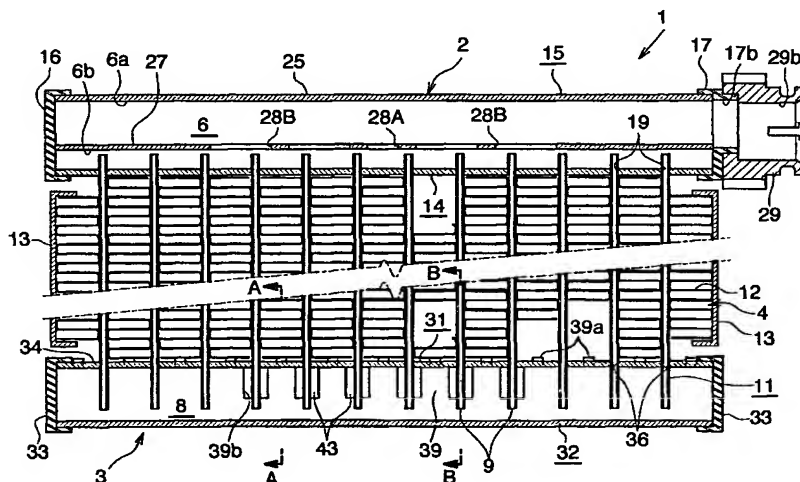
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(54) Title: **HEAT EXCHANGER**



(57) Abstract: A heat exchanger comprising a heat exchange core 4 composed of tube groups 11 in the form of rows arranged in the direction of flow of air through the exchanger, each of the tube groups 11 comprising a plurality of heat exchange tubes 9 arranged at a spacing, a refrigerant inlet header 5 and a refrigerant outlet header 6 positioned at the upper end of the core 4 and having respective groups of heat exchange tubes joined thereto, and a refrigerant turn tank 3 disposed at the lower end of the core 4. The turn tank 3 has its interior divided by a partition wall 39 into a refrigerant inflow header 7 and a refrigerant outflow header 8. The heat exchange tubes 9 have lower end portions inserted in the headers 7, 8 and are joined to the headers 7, 8. Refrigerant passing holes 43 are formed in the partition wall 39. The heat exchange tubes 9 have their lower ends positioned below the lower ends of the holes 43. The heat exchanger is improved in heat exchange performance.



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